

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Divos ADD3 VM16

Revision: 2024-08-07

Version: 06.3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Divos ADD3 VM16

UFI: JF74-P09T-H00K-E1MJ

1.2 Relevant identified uses of the substance or mixture and uses advised against Product use: Cleaning in place chemical.

Uses advised against:

Cleaning in place chemical. For industrial use only.. Uses other than those identified are not recommended.

SWED - Sector-specific worker exposure description : AISE_SWED_IS_8b_1 AISE_SWED_IS_4_1

1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssenbroeksedijk 2, 3542DN Utrecht], The Netherlands

Contact details

Tandur Hf. Hesthálsi 12, 110 Reykjavík Tel. 5101200, Email: tandur@tandur.is

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible). Poison Center: (+354) 543-2222 Emergency services: 112.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318)

2.2 Label elements



Signal word: Danger.

Contains sodium alkylbenzenesulphonate (Sodium Dodecylbenzenesulfonate)

Hazard statements:

H315 - Causes skin irritation. H318 - Causes serious eye damage.

Precautionary statements:

P280 - Wear eye or face protection.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTRE, doctor or physician.

2.3 Other hazards

No other hazards known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
sodium alkylbenzenesulphonate	290-656-6	90194-45-9		Acute toxicity - Oral, Category 4 (H302) Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318) Chronic aquatic toxicity, Category 3 (H412)		10-20

Workplace exposure limit(s), if available, are listed in subsection 8.1.

ATE, if available, are listed in section 11.

SECTION 4: First aid measures

[1] Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included For classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required. For the full text of the H and EUH phrases mentioned in this Section, see Section 16.

4.1 Description of first aid measur	res
Inhalation:	Get medical attention or advice if you feel unwell.
Skin contact:	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
Eye contact:	Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.
Ingestion:	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
Self-protection of first aider:	Consider personal protective equipment as indicated in subsection 8.2.
4.2 Most important symptoms and	d effects, both acute and delayed
Inhalation:	No known effects or symptoms in normal use.
Skin contact:	Causes irritation.
Eye contact:	Causes severe or permanent damage.

Causes severe or permanent damage. No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Ingestion:

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear eye/face protection. Repeated or prolonged contact:. Wear suitable gloves.

6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions: No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless adviced by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing. Wash contaminated clothing before reuse. Avoid contact with skin and eyes. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values

Human exposure

DNEL/DMEL oral exposure - Consumer (mg/kg bw	/)
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Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
sodium alkylbenzenesulphonate	-	-	-	0.425

DNEL/DMEL dermal exposure - Worker

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects (mg/kg bw)	effects	effects (mg/kg bw)
sodium alkylbenzenesulphonate	No data available	-	No data available	-

DNEL/DMEL dermal exposure - Consumer				
Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects (mg/kg bw)	effects	effects (mg/kg bw)
sodium alkylbenzenesulphonate	No data available	-	No data available	-

DNEL/DMEL inhalatory exposure - Worker (mg/m3)

Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
sodium alkylbenzenesulphonate	-	-	-	-

DNEL/DMEL inhalatory exposure - Consumer (mg/m ³)				
Ingredient(s)	Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
	effects	effects	effects	effects
sodium alkylbenzenesulphonate	-	-	-	-

Environmental exposure

Environmental exposure - PNEC				
Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
sodium alkylbenzenesulphonate	-	-	-	-

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m³)
sodium alkylbenzenesulphonate	-	-	-	-

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.

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If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the <u>undiluted</u> product:

Appropriate engineering controls:

If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required. Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

REACH use scenarios considered for the undiluted product:

	SWED - Sector-specific	LCS	PROC	Duration	ERC
	worker exposure			(min)	
	description				
Automatic transfer and dilution	AISE_SWED_IS_8b_1	IS	PROC 8b	60	ERC4

Safety glasses or goggles (EN 16321 / EN 166).

Personal protective equipment Eye / face protection: н

Hand protection:	Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.
•	Repeated or prolonged contact: Chemical-resistant protective gloves (EN 374). Verify instructions
	regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific
	local use conditions, such as risk of splashes, cuts, contact time and temperature.
	Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material
	thickness: ≥ 0.7 mm
	Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min
	Material thickness: ≥ 0.4 mm
	In consultation with the supplier of protective gloves a different type providing similar protection may
	be chosen.
Body protection:	No special requirements under normal use conditions.
Respiratory protection:	No special requirements under normal use conditions.

No special requirements under normal use conditions. Environmental exposure controls:

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (% w/w): 0.5

Appropriate engineering controls:	No special requirements under normal use conditions.
Appropriate organisational controls:	No special requirements under normal use conditions.

REACH use scenarios considered for the diluted product:

	SWED	LCS	PROC	Duration	ERC
				(min)	
Automatic application in a dedicated system	AISE_SWED_IS_4_1	IS	PROC 4	480	ERC8a

Personal protective equipment	
Eye / face protection:	No special requirements under normal use conditions.
Hand protection:	No special requirements under normal use conditions.
Body protection:	No special requirements under normal use conditions.
Respiratory protection:	No special requirements under normal use conditions.

Environmental exposure controls:

No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Information in this section refers to the product, unless it is specifically stated that substance data is listed

Method / remark

Physical state: Liquid Colour: Clear , Yellow Odour: Product specific Odour threshold: Not applicable Melting point/freezing point (°C): Not determined Initial boiling point and boiling range (°C): Not determined

Not relevant to classification of this product See substance data

Substance data, boiling point			
Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
sodium alkylbenzenesulphonate	No data available		(in a)

Flammability (solid, gas): Not applicable to liquids	Method / remark
Flammability (liquid): Not flammable. Flash point (°C): > 100 °C Sustained combustion: Not applicable. (UN Manual of Tests and Criteria, section 32, L.2)	closed cup
Lower and upper explosion limit/flammability limit (%): Not determined	
Substance data, flammability or explosive limits, if available:	
	Method / remark
Autoignition temperature: Not determined	
Decomposition temperature: Not applicable.	
pH: ≈ 11 (neat)	ISO 4316
Dilution pH: ≈ 6 (0.5 %)	ISO 4316
Kinematic viscosity: Not determined	
Solubility in / Miscibility with water: Fully miscible	

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
sodium alkylbenzenesulphonate	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Vapour pressure: Not determined

Substance data, vapour pressure			
Ingredient(s)	Value	Method	Temperature
	(Pa)		(°C)
sodium alkylbenzenesulphonate	No data available		

Relative density: ≈ 1.02 (20 °C) Relative vapour density: No data available. Particle characteristics: No data available. Method / remark

Method / remark

See substance data

OECD 109 (EU A.3) Not relevant to classification of this product Not applicable to liquids.

9.2 Other information

9.2.1 Information with regard to physical hazard classes
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.
Corrosion to metals: Not corrosive

9.2.2 Other safety characteristics

No other relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Mixture data: .

Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

Acute toxicity Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE Oral (mg/kg)
sodium alkylbenzenesulphonate	LD 50	> 1470	Rat	OECD 401 (EU B.1)		1470

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE Dermal (mg/kg)
sodium alkylbenzenesulphonate		No data available				Not established

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium alkylbenzenesulphonate		No data			
		available			

Acute inhalative toxicity, continued

Ingredient(s)	ATE - inhalation, dust	ATE - inhalation, mist	ATE - inhalation,	ATE - inhalation, gas
	(mg/l)	(mg/l)	vapour (mg/l)	(mg/l)
sodium alkylbenzenesulphonate	Not established	Not established	Not established	Not established

Irritation and corrosivity Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium alkylbenzenesulphonate	Irritant	Rabbit	OECD 404 (EU B.4)	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium alkylbenzenesulphonate	Severe damage	Rabbit	OECD 405 (EU B.5)	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium alkylbenzenesulphonate	No data available			

Sensitisation

Sensitisation by skin contact				
Ingredient(s)	Result	Species	Method	Exposure time (h)
sodium alkylbenzenesulphonate	Not sensitising	Guinea pig	OECD 406 (EU B.6) /	
	-		GPMT	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
sodium alkylbenzenesulphonate	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

ļ	Mutagenicity											
	Ingredient(s)	Result (in-vitro)	Method	Result (in-vivo)	Method							
			(in-vitro)		(in-vivo)							
	sodium alkylbenzenesulphonate	No data available		No data available								

Carcinogenicity	
Ingredient(s)	Effect
sodium alkylbenzenesulphonate	No data available

Toxicity for reproduction							
Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported

li l			
sodium	No data		
alkylbenzenesulphonat	available		

Repeated dose toxicity Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
sodium alkylbenzenesulphonate		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
sodium alkylbenzenesulphonate		No data				
		available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (davs)	Specific effects and organs affected
sodium alkylbenzenesulphonate		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
sodium			No data					
alkylbenzenesulphonat			available					
e								

STOT-single exposure

Ingredient(s)	Affected organ(s)
sodium alkylbenzenesulphonate	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
sodium alkylbenzenesulphonate	No data available

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

Potential adverse health effects and symptoms Effects and symptoms related to the product, if any, are listed in subsection 4.2.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties Endocrine disrupting properties - Human data, if available:

11.2.2 Other information

No other relevant information available.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture .

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium alkylbenzenesulphonate	LC 50	1.67	Lepomis macrochirus	EPA-OPPTS 850.1075	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium alkylbenzenesulphonate	EC 50	1.62	Daphnia magna Straus		48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium alkylbenzenesulphonate	EC 50	29	Selenastrum capricornutum		96

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
sodium alkylbenzenesulphonate		No data available			

Imp	pact on sewage plants - toxicity to bacteria					
	Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
	sodium alkylbenzenesulphonate		No data			ume
			available			

Aquatic long-term toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
sodium alkylbenzenesulphonate	NOEC	> 2.5-1		Method not given		

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
sodium alkylbenzenesulphonate		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
sodium alkylbenzenesulphonate		No data				
		available				

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT 50	Method	Evaluation
sodium alkylbenzenesulphonate	Activated sludge, aerobe	CO ₂ production	85% in 29 day(s)	OECD 301B	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
sodium alkylbenzenesulphonate	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
sodium	No data available				
alkylbenzenesulphonat					
e					

12.4 Mobility in soil

Auso						
Ingredient(s)		Adsorption coefficient	Desorption coefficient	Method	Soil/sediment type	Evaluation
		Log Koc	Log Koc(des)			
	sodium alkylbenzenesulphonate	No data available				

12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Endocrine disrupting properties

Endocrine disrupting properties - Environmental effects, if available:

ail ar aadimaat

12.7 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

Empty packaging Recommendation: Suitable cleaning agents:

Dispose of observing national or local regulations. Water, if necessary with cleaning agent.

SECTION 14: Transport information

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations:

• Regulation (EC) No. 1907/2006 - REACH

• Regulation (EC) No 1272/2008 - CLP

• Regulation (EC) No. 648/2004 - Detergents regulation

• substances identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605

· Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

International Maritime Dangerous Goods (IMDG) Code

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Ingredients according to EC Detergents Regulation 648/2004 anionic surfactants

15 - 30 %

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The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Seveso - Classification: Not classified

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MSDS1963

Version: 06.3

Revision: 2024-08-07

Reason for revision:

Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006, This data sheet contains changes from the previous version in section(s):, 3, 4, 6, 8, 9, 11, 12, 16

Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

Abbreviations and acronyms:

· AISE - The international Association for Soaps, Detergents and Maintenance Products

- ATE Acute Toxicity Estimate
- DNEL Derived No Effect Limit
 EC50 effective concentration, 50%
- ERC Environmental release categories
- EUH CLP Specific hazard statement
- LC50 Lethal Concentration, 50% / Median Lethal Concentration
- · LCS Life cycle stage
- LD50 Lethal Dose, 50% / Median Lethal dose
- NOAEL No observed adverse effect level NOEL - No observed effect level
- OECD Organisation for Economic Cooperation and Development
 PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- PROC Process categories
- REACH number REACH registration number, without supplier specific part
- vPvB very Persistent and very Bioaccumulative
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
 H412 Harmful to aquatic life with long lasting effects.

End of Safety Data Sheet